

IACC Full Committee Meeting October 24, 2017

INVITED SPEAKER BIOGRAPHIES

Nicole F. Dowling, Ph.D.

Chief

Developmental Disabilities Branch

Epidemiologist

Division of Congenital and Developmental Disorders

National Center on Birth Defects and Developmental Disabilities (NCBDDD)

Centers for Disease Control and Prevention (CDC)



Dr. Nicole Dowling is an Epidemiologist with the Division of Congenital and Developmental Disorders, in the National Center on Birth Defects and Developmental Disabilities (NCBDDD) at the Centers for Disease Control and Prevention (CDC). Dr. Dowling joined the CDC in 2000 and has served, since July 2015, as the Chief of the Developmental Disabilities Branch, where she provides scientific leadership and oversight for CDC's surveillance and research programs for autism and other developmental disabilities, including the Autism and Developmental Disabilities Monitoring Network (ADDM) and the Study to Explore Early Development (SEED). Previously, as the Associate

Director for Science for the Division of Congenital and Developmental Disorders from 2012 - 2015, Dr. Dowling worked collaboratively with experts within and outside the Division to determine the optimal blood folate level for prevention of neural tube defects. Additional contributions during her 17-year career at CDC have included direction of population research with the Office of Public Health Genomics, and research to understand the etiology and outcomes of clotting and bleeding disorders with the Division of Blood Disorders. Dr. Dowling is a graduate of Harvard University and received her Ph.D. in Epidemiology from Emory University.



Laura A. Schieve, Ph.D.

Epidemiologist

National Center on Birth Defects and Developmental Disabilities (NCBDDD)

Centers for Disease Control and Prevention (CDC)



Dr. Laura A. Schieve is the Lead of the Epidemiology Team in the Developmental Disabilities Branch within the National Center on Birth Defects and Developmental Disabilities (NCBDDD), Centers for Disease Control and Prevention (CDC). She directs the Study to Explore Early Development (SEED), a multi-site case-control study examining ASD risk factors and the health and development of preschool-aged children with ASD and other developmental disabilities, and SEED Teen, a follow-up health study of children who participated in the SEED case-control study when they reach adolescence. Dr. Schieve also leads and collaborates on other studies of population prevalence and risk

factors for developmental disabilities and is a member of the Technical Expert Panel for the National Survey of Children's Health. Previously, Dr. Schieve was the Lead for the Assisted Reproductive Technology (ART) Epidemiology Team in the Women's Health and Fertility Branch at CDC, where she oversaw the development and implementation of the National ART Surveillance System (NASS) and a CDC research program to assess maternal and child health outcomes associated with ART use. She also served as an Epidemic Intelligence Service (EIS) Officer in the (former) Maternal Child Nutrition Branch at CDC. Dr. Schieve has authored or co-authored over 300 scientific publications and abstracts. She received her M.S. and Ph.D. in Epidemiology from the University of Illinois in Chicago.

Lisa Croen, Ph.D.

Senior Research Scientist

Division of Research, Kaiser Permanente Northern California

Director

Kaiser Permanente Autism Research Program



Dr. Lisa Croen is a senior research scientist at the Division of Research (DOR), Kaiser Permanente Northern California (KPNC), and the director of the Kaiser Permanente Autism Research Program. Her research interests include the epidemiology of autism and other neurodevelopmental disorders, environmental exposures and gene/environment interaction, and adverse perinatal outcomes. Currently, Dr. Croen leads several NIH-funded research studies, including the Early Markers for Autism study (EMA); An ASD Enriched Risk (ASD-ER) ECHO cohort; Early Life Exposure to Endocrine Disrupting Chemicals and Child Growth, Adiposity, and Neurodevelopment (ELEGANT) ECHO cohort; and Prenatal SSRI Exposure, Maternal and

Child Genotype, and Autism Spectrum Disorders. In collaboration with clinical colleagues, she is



conducting a mixed methods study to evaluate autism treatments at KPNC, and investigating health status and healthcare utilization of adolescents and adults with autism. Dr. Croen received her master's degree in public health and her doctorate in epidemiology, both from the University of California, Berkeley.

M. Daniele Fallin, Ph.D.

Sylvia and Harold Halpert Professor

Chair

Department of Mental Health

Johns Hopkins Bloomberg School of Public Health



Dr. M. Daniele (Dani) Fallin is the Sylvia and Harold Halpert Professor and Chair of the Department of Mental Health and the Director of the Wendy Klag Center for Autism and Developmental Disabilities at the Johns Hopkins Bloomberg School of Public Health. She also holds joint appointments in Biostatistics and Epidemiology and in the Johns Hopkins School of Medicine's Departments of Medicine and Psychiatry. Her research group studies how environments, behaviors, genetic variation, and epigenetic variation contribute to risk for psychiatric

disease, particularly autism. She is the PI of the Maryland site of the Study to Explore Early Development (SEED) study, a multi-site case-control study of autism genetic and environmental risk factors and the Early Autism Research Longitudinal Investigation (EARLI) study, a prospective pregnancy cohort focused on causes of autism. She has further led GWAS and EWAS studies based on SEED, EARLI, and other autism samples. She also co-leads the autism-focused research program within the Boston Birth Cohort. She came to Johns Hopkins as an Assistant Professor in 2001 after earning her Ph.D. in Genetic Epidemiology at Case Western Reserve University.

Ann Reynolds, M.D.
Associate Professor
Department of Pediatrics
Developmental Pediatrics
University of Colorado School of Medicine
Children's Hospital Colorado



Dr. Anne Reynolds is a Developmental and Behavioral Pediatrician. She is an associate professor of pediatrics at the University of Colorado Denver School of Medicine in the Section of Developmental Pediatrics. She has a long-standing interest in co-occurring medical conditions in children with autism spectrum disorders. She is an Investigator in the CADDRE Study to Explore Early Development (SEED). She has lead the analysis of gastrointestinal symptoms and sleep problems in SEED. Dr. Reynolds received her undergraduate degree from Emory University and her medical degree from the Medical College of Georgia. She did her residency training in Pediatrics at Children's National Medical Center in Washington, D.C. and her fellowship in Neurodevelopmental Disabilities at Baylor College of Medicine.

Stuart K. Shapira, M.D., Ph.D.
Associate Director for Science (ADS)
Chief Medical Officer
National Center on Birth Defects and Developmental Disabilities (NCBDDD)
Centers for Disease Control and Prevention (CDC)



Dr. Stuart K. Shapira is the Associate Director for Science and Chief Medical Officer in the National Center on Birth Defects and Developmental Disabilities (NCBDDD) at the Centers for Disease Control and Prevention (CDC) and a member of the Interagency Autism Coordinating Committee (IACC). Previously, Dr. Shapira served as a medical officer on the Pediatric Genetics Team in NCBDDD. His research activities included dysmorphology of autism, birth defects epidemiology, and newborn screening. Prior to joining the NCBDD in 2005, Dr. Shapira practiced clinical genetics and metabolic genetics at Baylor College of Medicine in Houston and at the University of Texas Health Science Center in San Antonio. He currently serves as CDC

liaison to the Committee on Genetics for the American Academy of Pediatrics, as chairman of the Dysmorphology Workgroup for the Centers for Autism and Developmental Disabilities

Research and Epidemiology, and as NCBDDD liaison of the Interagency Collaborative to Advance Research in Epilepsy. Dr. Shapira received his Ph.D. in Genetics and his M.D. from the



University of Chicago. He completed a residency in Pediatrics and a clinical fellowship in Genetics and Metabolism at Boston Childrens Hospital. He also completed dual research fellowships in Genetics and Metabolism, and in Allergy and Immunology at Harvard Medical School. Dr. Shapira is board-certified in Clinical Genetics, Biochemical Genetics, and Molecular Genetics.

Sarah Cassidy, M.Sc., Ph.D.

Assistant Professor

University of Nottingham



Dr. Sarah Cassidy leads the Atypical Development Research Theme in the Centre for Research in Psychology, Behaviour and Achievement, which she formed in 2014. She explores how individuals with Autism Spectrum Condition (ASC) process emotions in realistic social situations, using eye tracking among other methods. Related lines of research are developing and evaluating interventions to improve emotion processing in those with ASC, and exploring the contribution of sensorimotor abilities to the development of social skills. Her second area of research explores whether adults with ASC are more at risk of negative outcomes, such as mental health problems, suicidal

thoughts and behaviors, than other clinical groups, and the associated triggers and protective factors. Dr. Cassidy completed her M.Sc. and Ph.D. degrees at Nottingham University, followed by a postdoctoral research position at the Autism Research Centre (ARC), University of Cambridge.

Lisa Horowitz, Ph.D., M.P.H.

Staff Scientist/Clinical Psychologist

Intramural Research Program

Office of the Clinical Director

National Institute of Mental Health



Dr. Lisa Horowitz is a Staff Scientist/Clinical Psychologist in the NIMH Intramural Research Program at the National Institutes of Health. She serves as a senior attending with a specialty in pediatric psychology on the Psychiatry Consultation Liaison Service in the Office of the Clinical Director. The major focus of Dr. Horowitz's research has been in the area of suicide prevention and detection. She was lead PI on the development of two suicide screening instruments for the pediatric emergency department (ED), the Risk of Suicide Questionnaire (RSQ), and the Ask Suicide-Screening Questions (ASQ). Dr. Horowitz is also

lead PI on several other instrument development studies that will include children with intellectual disabilities, and pediatric and adult medical inpatients (asQ'em) a tool created to

include pediatric medical/surgical patients in the emergency department setting. Dr. Horowitz received her B.A. from Tufts University. After obtaining her doctorate in clinical psychology from George Washington University, Dr. Horowitz completed a Pediatric Fellowship at Boston Children's Hospital, as well as a Health Service Research Fellowship in the Clinical Effectiveness Program at Harvard Medical School, and obtained a Master of Public Health at the Harvard School of Public Health.

Colleen Carr, M.P.H.

Deputy Director

National Action Alliance for Suicide Prevention



Ms. Colleen Carr is the Deputy Director at the National Action Alliance for Suicide Prevention. She is responsible for advancing policy efforts, delivering technical assistance focused on policy analysis and system change; developing high-level public and private-sector leadership communications and briefings; engaging Action Alliance Executive Committee members, and advancing Action Alliance priority initiatives and sustainability efforts. She has over ten years of experience working in public health and suicide prevention. Ms. Carr received her undergraduate degree in public policy analysis from the University of North Carolina at Chapel Hill and her Master of Public Health from Boston University.